

Amendments to the Claims:

Claim 1(currently amended) A method of detecting a boundary of a content item in a digital video stream, the method comprising the steps of:

determining (130), in a processor, an average bit rate of the video stream over a period of time; and

detecting (140) , in a detector (420), a change of the average bit rate indicating the boundary of the content item,

wherein said method further comprises the steps of:

detecting (125) shot-cuts in the content item,

adjusting (126) the period of time in the determining step based on the detected shot-cut.

Claim 2 (Original) The method of claim 1, wherein the content item is in a digital broadcast video stream.

Claim 3 (cancelled).

Claim 4 (Original) The method of claim 1, wherein a moving average of the bit rate is determined.

Claim 5 (Original) The method of claim 1, wherein the content item is a commercial.

Claim 6 (Original) The method of claim 1, wherein the digital video stream is MPEG compressed.

Claim 7 (Original) The method of claim 1, wherein the content item is in an encrypted digital video stream.

Claim 8 (Original) The method of claim 1, further comprising the steps of:

obtaining broadcast schedule data indicating a beginning and/or end of broadcasting at least one content item,

verifying whether said broadcast schedule data are in accordance with the detected boundary of a respective content item in the video stream.

Claim 9 (Original) The method of claim 1, further comprising a step (150) of determining a position of the detected boundary of the content item within a corresponding period of time.

Claim 10 (currently amended) A device for detecting a boundary of a content item in a digital video stream, the device comprising:

means for detecting shot-cuts in the content item,

means for adjusting a period of time based on the detected shot-cut

means (410) for determining a moving average bit rate of the video stream over the [[a]] period of time,

means (420) for detecting a change of the moving average bit rate indicating the boundary of the content item.

Claim 11 (Original) A receiver for receiving at least one content item in a digital broadcast video stream, comprising the device as claimed in claim 10.

Claim 12 (Original) A video recorder for recording at least one TV program, comprising:

a receiver (430) for receiving at least one TV program in a digital video stream,

the device as claimed in claim 10 in which the content item is the TV program, and

means (440) for recording the TV program based on its detected boundary in the video stream.

Claim 13 (Original) A computer program product enabling a programmable device when executing

said computer program product to function as the device as claimed in claim 10.

Claim 14 (currently amended) A method of detecting a boundary of a content item in a digital video stream, the method comprising the steps of:

detecting (125) in a processor shot-cuts in the content item,
adjusting (126) in a processor a period of time based on the
detected shot-cuts

determining (130), in a processor, a moving average bit rate of the video stream over the [[a]] period of time,

detecting (140) a change of the moving average bit rate indicating the boundary of the content item, in a detector (420).

Claim 15 (cancelled)

Claim 16 (previously presented) The method of claim 14, wherein the content item is in a digital broadcast video stream.

Claim 17 (previously presented) The method of claim 14, wherein a moving average of the bit rate is determined.

Claim 18 (previously presented) The method of claim 14, wherein the content item is a commercial.

Claim 19 (previously presented) The method of claim 14, wherein the digital video stream is MPEG compressed.

Claim 20 (previously presented) The method of claim 14, wherein the content item is in an encrypted digital video stream.

Claim 21 (previously presented) The method of claim 14, further comprising the steps of:

obtaining broadcast schedule data indicating a beginning and/or end of broadcasting at least one content item,

verifying whether said broadcast schedule data are in accordance with the detected boundary of a respective content item in the video stream.